

United States Department of the Interior  
U.S. Fish and Wildlife Service  
**Special Use Application and Permit**

2. Application Date Jul 13, 2009

3. Period of Use Applying for:

1. Red River National Wildlife Refuge From: Jul 13, 2009 To: Dec 31, 2009

4. Applicant Information:

Name Josh Parris, Dr. Joseph Corn

Phone: 706-583-0130

Organization: University of Georgia/ College of Vet. Medicine

Fax: \_\_\_\_\_

Address: 589 DW Brooks Dr.

email parris76@uga.edu

City/State/ZIP Athens, GA 30602

5. Purpose of the Permit Application:

☐ Agriculture

☐ Commercial Visitor Services

☐ Other (describe) \_\_\_\_\_

☐ Commercial Activities

☐ Commercial Filming

☒ Research/Monitoring

☐ Special Event

6. Describe the above activity as specifically as you can.  
Include: Where the activity will take place (units, roads, trails); When (seasons, days, hours); How (methods, techniques, transportation); Frequency (one time only, daily, occasionally); Number of people/vehicles/boats; Special Needs/access  
Researchers may be required to supply a research proposal.

To conduct research on *Culicoides* spp. as part of blue tongue virus study at on the Red River NWR. see attached proposal

7. Print Form

8. Applicant Signature: X Josh Parris

Date: 7/21/09

Print this form and return it to the refuge for processing. Do not fill out any information below this line.

For Official Use Only

Application approved: ☒ yes ☐ no

Special Conditions

1. Permittee will notify refuge personnel at least 2 days prior to field work of refuge entry.
2. Permittee is granted use of an atv.
3. Permittee will submit a final report of findings relevant to the refuge by Dec. 31, 2009.

Station Number 42653

Permit Number 09-23

Record of Payments: ☒ Payment exempt ☐ Partial payment ☐ Full payment

Amount of payment \_\_\_\_\_

Record of partial payments: \_\_\_\_\_

This permit is issued by the U.S. Fish and Wildlife Service and accepted by the above signed, subject to the terms, conditions, obligations, and reservations, expressed or implied herein, and to the notice, conditions, and requirements appearing on the reverse side.

Permit Approved and Issued By: (name and title) David C. ... Biologist

Date: 7/21/09

CMS Control No. 1018-0102 (expires 04/30/2011)

FWS Form 3-1363 (Rev. 01/08)

**Southeastern Cooperative Wildlife Disease Study**  
**College of Veterinary Medicine**  
**University of Georgia**  
**Athens, Georgia 30602**  
**Phone: 706-542-1741**  
**Fax: 706-542-5865**

**SUBJECT:** SCWDS *Culicoides* Survey Outline

**FROM:** Dr. Joseph L. Corn

**DATE:** August 7, 2009

**PURPOSE**

The Southeastern Cooperative Wildlife Disease Study (SCWDS) is conducting surveys for *Culicoides* spp. in the Southeastern United States as per request of the USDA-APHIS-Veterinary Services (VS). The goal of these surveys is to determine the distribution of *Culicoides* spp. vectors of bluetongue virus (BTV) in the Southeastern United States. Exotic bluetongue viruses have been found in the United States in recent years, and these surveys will help to determine what vectors are involved in the transmission of these viruses.

**METHODS**

SCWDS will conduct surveys for *Culicoides* spp. at selected sites in Florida, Georgia, Alabama, Mississippi, Louisiana, Arkansas and Texas including at locations where previous BTV activity has been documented. Insect trapping will employ 10-20 light traps set at selected sites for one-three nights per site. Insect trapping will be repeated at some sites every one-two months. Insect specimens will be processed and submitted for identification to the SCWDS in Athens, Georgia. SCWDS will maintain a database to include species collected, date and trapping locations.

**OUTCOME**

These surveys will help to determine the distribution of *Culicoides* spp. in the Southeastern United States, including exotic species not previously reported. In addition, surveys for BTV will help to determine which BTV serotypes are present in the Southeastern United States and BTV isolates will provide much needed biological materials to be used in determining their origin.